

ABSTRACT

The present invention provides a method for refolding protein produced, for example, by Escherichia coli, that is inactive due to an as yet unformed higher order structure, or protein deactivated due to a change in conformation for some reason. The invention comprises a method, refolding kit, refolding agent, and molding that activate a native function or activity inherent to a protein through treatment with zeolite beta of protein produced, for example, by Escherichia coli, that is inactive due to an as yet unformed higher order structure, or protein deactivated due to a change in conformation for some reason. The invention also comprises a method for producing an active protein that utilizes the same. As compared with conventional methods, the present invention can provide a novel method for activating protein function that is highly versatile and generalizable, that employs a simple and easy protocol, and that is inexpensive and enables repeated use of the function activator.